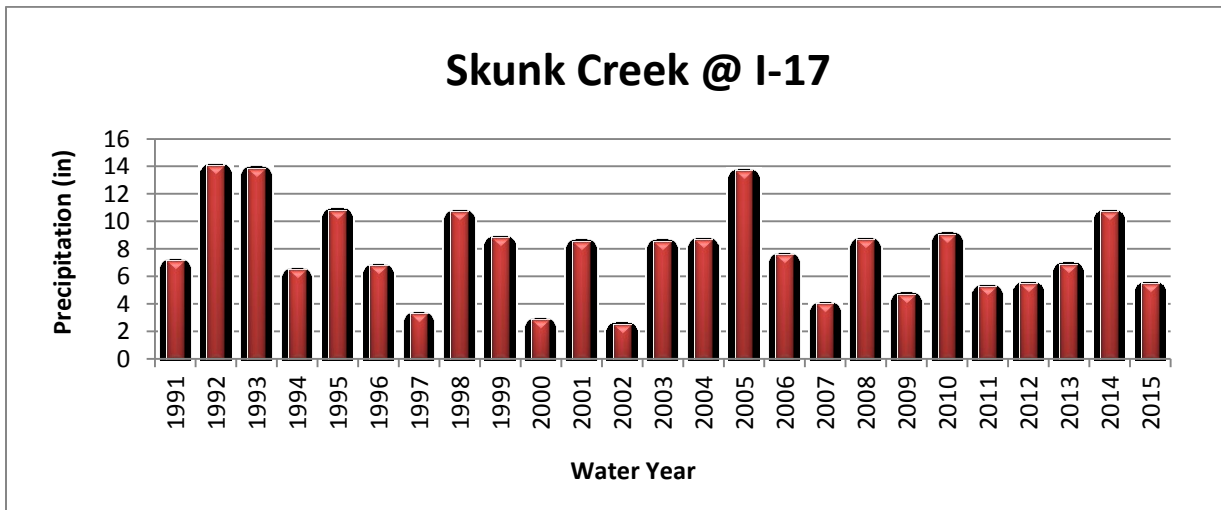




Station Name: Skunk Creek at I-17

Station ID Number History:	5565 since 06/26/92 2640 from 11/07/89 - 06/26/92
Station Type:	Rain / Stream
Data Begins:	11/07/1989
Years Since Installation:	25.90 (as of 10/01/15)
Data Repeater:	Direct
County:	Maricopa
Latitude:	33° 43' 48.3" (33.73007)
Longitude:	112° 07' 11.1" (112.11976)
Elevation:	1,475 ft. msl
Location:	I-17 at Jomax Road
Data Record:	
Incomplete Months:	None
Missing Months:	None
Remarks:	Records Good



Data Statistics for Period of Record:

Number of storms greater than 1 inch in 24 hours:	44	
Number of storms greater than 2 inches in 24 hours:	4	
Number of storms greater than 3 inches in 24 hours:	0	
		Approx. T_r
Greatest 15 minute total:	0.94" on 07/06/98	14 years
Greatest 1 hour total:	1.73" on 07/06/98	22 years
Greatest 3 hour total:	1.77" on 07/06/98	13 years
Greatest 6 hour total:	2.09" on 09/08/14	17 years
Greatest 24 hour total:	2.48" on 09/08/14	10 years
Greatest 72 hour total:	3.23" on 01/21/10	15 years

Water Year Totals: (Mean of Complete Water Years [25] = 7.73 inches)

Water Year	Total	Water Year	Total	Water Year	Total
2020		2010	9.02	2000	2.80
2019		2009	4.65	1999	8.78
2018		2008	8.62	1998	10.67
2017		2007	3.94	1997	3.23
2016		2006	7.52	1996	6.73
2015	5.43	2005	13.62	1995	10.75
2014	10.67	2004	8.62	1994	6.42
2013	6.81	2003	8.50	1993	13.82
2012	5.43	2002	2.48	1992	14.02
2011	5.20	2001	8.50	1991	7.09

M: One or more months contain partial or missing data

Design Rainfall for this Geographic Location:

Click this [link](#) for Point Precipitation Frequency Estimates (Annual Maximum Series) in Tabular and Graphical Formats from NOAA Atlas 14, Volume I, Version 5

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Skunk Creek @ I -17 (gage # 5565) for Water Year 2009

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												.08
2												
3												
4												
5												.39
6												
7					.04							
8					.24							
9		.04			.43							
10												
11							.55					
12							.04				.08	
13											.43	
14												
15												
16			.71									
17			.04									
18			.16									
19												
20												
21								.12			.20	
22			.12	.04				.24				
23												
24												
25			.24									
26		.08	.12									
27		.16										
28												
29					----							
30					----							
31		----			----		----		----			----
SUM	0.00	0.28	1.38	0.04	0.71	0.00	0.59	0.35	0.00	0.00	0.71	0.47
ACC	0.00	0.28	1.77	1.81	2.52	2.52	3.11	3.46	3.46	3.46	4.17	4.65
MAX	0.00	0.16	0.71	0.04	0.43	0.00	0.55	0.24	0.00	0.00	0.43	0.39
NO.	0	3	6	1	3	0	2	2	0	0	3	2
	Maximum Daily Rainfall											0.71
	Maximum Monthly Rainfall											1.50
	Total Annual Rainfall											4.65
	Number of Days with Rain											22

Notes:

Annual rainfall in millimeters: 118

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Skunk Creek @ I -17 (gage # 5565) for Water Year 2008

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep		
1			.31											
2														
3														
4					.16									
5											.04			
6											.04			
7			.20	.35										
8			.24								.12			
9														
10			.04							.63		.28		
11										.08				
12														
13								.08		.04				
14														
15														
16														
17														
18														
19														
20					.04					.39				
21														
22					.04									
23								.08						
24				.20				.04						
25											1.18			
26											.20			
27				1.46										
28				.12										
29											.16			
30		2.13												
31		----			----		----		----			----		
SUM	0.00	2.13	0.79	2.13	0.24	0.00	0.00	0.20	0.00	1.14	1.73	0.28		
ACC	0.00	2.13	2.91	5.04	5.28	5.28	5.28	5.47	5.47	6.61	8.35	8.62		
MAX	0.00	2.13	0.31	1.46	0.16	0.00	0.00	0.08	0.00	0.63	1.18	0.28		
NO.	0	1	4	4	3	0	0	3	0	4	6	1		
													Maximum Daily Rainfall	2.13
													Maximum Monthly Rainfall	2.13
													Total Annual Rainfall	8.62
													Number of Days with Rain	26

Notes:

Annual rainfall in millimeters: 219

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
 Daily Rainfall at Skunk Creek @ I -17 (gage # 5565) for Water Year 2007

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4											.04	
5												
6	.16											
7												
8												
9												
10												
11					.04							
12							.16					
13												
14	.28				.04						.08	
15												
16												
17												
18												
19				.24	.20							
20				.04								
21				.16			.04					
22			.04			.75						.16
23						.39				.47		
24										.04		
25												
26												
27												
28			.20									
29			.04									
30												
31		----		.31	----		----		----	.08		----
SUM	0.43	0.00	0.28	0.75	0.28	1.14	0.20	0.00	0.00	0.59	0.12	0.16
ACC	0.43	0.43	0.71	1.46	1.73	2.87	3.07	3.07	3.07	3.66	3.78	3.94
MAX	0.28	0.00	0.20	0.31	0.20	0.75	0.16	0.00	0.00	0.47	0.08	0.16
NO.	2	0	3	4	3	2	2	0	0	3	2	1
							Maximum Daily Rainfall					0.75
							Maximum Monthly Rainfall					1.14
							Total Annual Rainfall					3.94
							Number of Days with Rain					22

Notes:

Annual rainfall in millimeters: 100

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Skunk Creek @ I -17 (gage # 5565) for Water Year 2004

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2							1.50					
3		.04		.04								
4						.79						
5						.47						
6												
7												
8												
9							.04					
10	1.22											
11		.04	.16								.24	
12		.79	.04									
13		.16								.04		
14										.12		
15												
16											.12	
17												
18											.04	.47
19											.04	.71
20												
21												
22				.28	.04							
23					.83							
24					.04							
25												
26			.08							.24		
27												
28				.04								.04
29												
30					-----							
31		-----			-----		-----		-----			-----
SUM	1.22	1.02	0.28	0.35	0.91	1.26	1.54	0.00	0.00	0.39	0.43	1.22
ACC	1.22	2.24	2.52	2.87	3.78	5.04	6.57	6.57	6.57	6.97	7.40	8.62
MAX	1.22	0.79	0.16	0.28	0.83	0.79	1.50	0.00	0.00	0.24	0.24	0.71
NO.	1	4	3	3	3	2	2	0	0	3	4	3
							Maximum Daily Rainfall					1.50
							Maximum Monthly Rainfall					1.54
							Estimated Annual Rainfall					8.62
							Number of Days with Rain					28

Notes:

Estimated annual rainfall in millimeters: 219
 April 2nd total of 34 mm was estimated from nearby gages.

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Skunk Creek @ I-17 (gage # 5565) for Water Year 2003

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1						.16					.08		
2	.04												
3													
4													
5						.04							
6													
7													
8				.47									
9													
10													
11													
12					.16								
13					1.97								
14					.67						.98		
15							.16						
16						.83							
17			.04			.43							
18													
19											.08		
20			.04	.12									
21													
22													
23			.16										
24													
25					.83								
26	.12				.31						.04		
27					.08						.04		
28					.20					.04			
29		.31			----								
30		.04			----					.08			
31		----			----		----		----			----	
SUM	0.16	0.35	0.24	0.59	4.21	1.46	0.16	0.00	0.00	0.12	1.22	0.00	
ACC	0.16	0.51	0.75	1.34	5.55	7.01	7.17	7.17	7.17	7.28	8.50	8.50	
MAX	0.12	0.31	0.16	0.47	1.97	0.83	0.16	0.00	0.00	0.08	0.98	0.00	
NO.	2	2	3	2	7	4	1	0	0	2	5	0	
												Maximum Daily Rainfall	1.97
												Maximum Monthly Rainfall	4.21
												Total Annual Rainfall	8.50
												Number of Days with Rain	28

Notes:

Total annual rainfall in millimeters: 216

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Skunk Creek @ I-17 (gage # 5565) for Water Year 2002

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3											.20	
4			.12									
5		.04	.04									
6		.04					.04					.24
7							.12					.87
8												
9										.04		
10												.04
11												
12			.04							.04		
13												
14										.24		
15										.08		
16												
17												
18												
19												
20												
21												
22												
23										.24		
24												
25		.04										
26												
27												
28												
29												
30				.04								
31												
SUM	0.00	0.12	0.20	0.04	0.00	0.00	0.16	0.00	0.00	0.63	0.20	1.14
ACC	0.00	0.12	0.31	0.35	0.35	0.35	0.51	0.51	0.51	1.14	1.34	2.48
MAX	0.00	0.04	0.12	0.04	0.00	0.00	0.12	0.00	0.00	0.24	0.20	0.87
NO.	0	3	3	1	0	0	2	0	0	5	1	3
							Maximum Daily Rainfall					0.87
							Maximum Monthly Rainfall					1.14
							Total Annual Rainfall					2.48
							Number of Days with Rain					18

Notes:

Total annual rainfall in millimeters: 63

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Skunk Creek @ I-17 (gage # 5565) for Water Year 1994

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1													
2												0.16	
3													
4												0.16	
5													
6	0.63												
7	0.31				0.24	0.20							
8					0.43								
9													
10												0.04	
11		0.04						0.04					
12		0.08											
13		0.39				0.04							
14		1.22											
15		0.43											
16	0.04												
17													
18										0.04			
19						0.20					0.20		
20						0.12						0.20	
21												0.16	
22													
23													
24								0.08		0.08			
25				0.08		0.71							
26						0.04	0.08						
27													
28													
29													
30													
31													
SUM	0.98	2.17	0.00	0.08	0.67	1.30	0.08	0.12	0.00	0.12	0.20	0.71	
ACC	0.98	3.15	3.15	3.23	3.90	5.20	5.28	5.39	5.39	5.51	5.71	6.42	
MAX	0.63	1.22	0.00	0.08	0.43	0.71	0.08	0.08	0.00	0.08	0.20	0.20	
NO.	3	5	0	1	2	6	1	2	0	2	1	5	
												Maximum Daily Rainfall	1.22
												Maximum Monthly Rainfall	2.17
												Total Annual Rainfall	6.42
												Number of Days with Rain	28

Notes:
Annual rainfall in mm: 163

